



Sheet 1 of 4

**FORM PTO-1449
SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT**

ATTY DOCKET NO.
1019.us

SERIAL NO.
09/773,944

APPLICANT(S): Robert K. Jenner

FILING DATE:
February 1, 2004

ART UNIT:
3726

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	CLASS	SUB CLASS	FIL. DATE IF APPR
					RECEIVED		
					AUG 15 2003		
					TECHNOLOGY CENTER R3700		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
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mg	AII	1 059 547 A1	Dec 13 2000	EPO	G02B	6/42	Y
mg	AJ1	1 134 607 A2	Sep 19 2001	EPO	G02B	27/62	Y
mg	AG2	2 124 402 A	Feb 15 1984	GB	G02B	7/26	Y

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mg	AK	Andreasch, Wolfgang, et al., "Flexible Automated Assembly of Micro-Optical Elements (Optical SMD)", Proc. SPIE, Vol. 2906, pp. 162-170, Microrobotics: Components and Applications, Armin Sulzmann: Ed., (published 12/1996).
mg	AL	Enochs, Scott, "A Packaging Technique to Achieve Stable Single-Mode Fiber to Laser Alignment", Proc. SPIE, Vol. 703, pp. 42-47 Integration and Packaging of Optoelectronic Devices (1986).
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Examiner:

Marc Jenner

Date: 9/30/03



Sheet 2 of 4

FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 60px; margin: 0 auto;"> <small>AUG 08 2003</small> <small>JC 22</small> <small>PATENT & TRADEMARK OFFICE</small> </div>			ATTY DOCKET NO. 1019.us		SERIAL NO. 09/773,944	
			APPLICANT(S): Robert K. Jenner			
			FILING DATE: February 1, 2004		ART UNIT: 3726	
UNITED STATES PATENT DOCUMENTS						
EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR <i>RECEIVED</i> <i>AUG 15 2003</i> <i>TECHNOLOGY CENTER 3700</i>	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N
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<i>AS</i>	AS Scussat, Marco, et al., "Automated Surface Mounting of Miniature Optical Elements", DMT, EPFL, 1015 Lausanne, Switzerland (1998).					
<i>AT</i>	AT Sharpe, William N., et al., "Mechanical Properties of LIGA-Deposited Nickel for MEMS Transducers", 1997 International Conference on Solid-State Sensor and Actuators, Chicago, June 16-19, 1997, pp. 607-610.					
<i>AU</i>	AU Würsch, Alain, et al., "An Innovative Micro Optical Element Assembly Robot Characterized by High Accuracy and Flexibility", Electronic Components Conference 2000, DMT, EPFL, 1015 Lausanne, Switzerland (2000).					
<i>AV</i>	AV Ziegler, P., et al., "Passive Alignment and Hybrid Integration of Active and Passive Optical Components on a Microoptical LIGA-Bench", Micro Opto Electro Mechanical System – MOEMS 1999, pp. 186-189.					
Examiner:	<i>Robert K. Jenner</i>		Date: 9/30/03			



FORM PTO-1440 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY DOCKET NO. 1019.us		SERIAL NO. 09/773,944			
			APPLICANT(S): Robert K. Jenner					
			FILING DATE: February 1, 2004		ART UNIT: 3726			
UNITED STATES PATENT DOCUMENTS								
EXAM. INITIAL		DOCUMENT NUMBER	DATE	INVENTOR	RECEIVED AUG 15 2003	CLASS	SUB CLASS	FIL. DATE IF APPR
				TECHNOLOGY CENTER	R3700			
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN Y/N	
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<i>mg</i>	AJ4	0 030 617 A2	Nov 5 1980	EPO	G02B	7/26	Y(abstract only)	
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<i>mg</i>	AH5	99/63373	Dec 9 1999	WO	G02B	6/12	Y	
<i>mg</i>	AI5	0 545 584 A1	Jun 9 1993	EPO	G02B	6/42	Y	
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<i>mg</i>	AW	Goldfarb, Michael, et al., "Design of a Minimum Surface-Effect Three Degree-of-Freedom Micromanipulator", Proceedings of the 1997 IEEE International Conference on Robotics and Automation, Albuquerque, New Mexico – April, 1997, pp. 1466-1471.						
<i>mg</i>	AX	Goldfarb, Michael, et al., "Eliminating Non-Smooth Nonlinearities with Compliant Manipulator Design". Proceedings of the American Control Conference, Philadelphia, PA – June, 1998, pp. 2118-2123.						
<i>mg</i>	AY	Henein, Simon, et al., "Articulated Structures with Flexible Joints Dedicated to High Precision Robotics". Departement de Microtechnique, Institut de Systemes Robotiques (DMT-ISR), Swiss Federal Institute of Technology Lausanne (EPFL), EPFL CH-1015, Lausanne, Switzerland, pp. 1-6.						
<i>mg</i>	AZ	Speich, John E., et al., "A Three Degree-of-Freedom Flexure-Based Manipulator for High Resolution Spatial Micromanipulation". Part of the SPIE Conference on Microrobotics and Micromanipulation, Boston, MA, November, 1998, SPIE Vol. 3519, pp. 82-92.						
Examiner:		<i>Marc Jenner</i>			Date: 9/30/03			



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Optical Component Plastic Deformation Control Process						
Application Number:	09/773944 						
Confirmation Number:	9154						
First Named Applicant:	Robert Jenner						
Attorney Docket Number:	1019us						
Art Unit:	3726						
Examiner:	Marc Quemuel Jimenez						
Search string:	(6559464 or 4702556 or 4778241 or 5570444 or 5600749 or 5745624 or 6053640 or 6074103 or 5870518 or 4691586 or 5351330 or 4773727 or 5255333 or 5295700 or 5212746 or 5926594 or 5388119 or 6103988 or 4237474 or 5177807 or 4833776 or 6076875 or 5562320 or 5996437 or 4214353 or 5760367 or 5217460 or 3908522 or 4796346 or 3527454 or 4967472 or 6034524 or 4822091 or 5161847 or 5910894 or 3824674 or 3651957 or 4653794 or RE35605 or 4092719 or 4691905 or 6015174 or 4720163).pn.						
RECEIVED AUG 11 2003 TECHNOLOGY CENTER R3700							
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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4	5570444	1996-10-29		Janssen, et al.	385	90	
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13	5255333	1993-10-19	Althaus, et al.	385	33
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33	4822091	1989-04-18	Vermeer, et al.	29	740
34	5161847	1992-11-10	Yakou	294	119.1
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42	6015174	2000-01-18	Raes, et al.	294	2
43	4720163	1988-01-19	Goodwin, et al.	350	96.20

Signature

Mac Jiney

9/30/03

Examiner Name	Date